

~~24-11~~ #3



# ENTERED

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## RAW SEQUENCE LISTING

DATE: 02/22/2002

PATENT APPLICATION: US/10/059,152

TIME: 15:49:32

Input Set : A:\PTO\_VSK.txt

Output Set: N:\CRF3\02222002\J059152.raw

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3 <110> APPLICANT: Zeon Corporation
5 <120> TITLE OF INVENTION: Recombinant herpesvirus of turkeys and use thereof
7 <130> FILE REFERENCE: NDV
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/059,152
C--> 10 <141> CURRENT FILING DATE: 2001-01-31
12 <160> NUMBER OF SEQ ID NOS: 26
14 <170> SOFTWARE: PatentIn Ver. 2.1
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 555
18 <212> TYPE: DNA
19 <213> ORGANISM: Gallus gallus
21 <220> FEATURE:
22 <221> NAME/KEY: promoter
23 <222> LOCATION: (1)..(555)
25 <400> SEQUENCE: 1
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27 cgttacataa cttacggtaa attggcccg cggctgaccg cccaacgacc cccgcccatt 120
28 gacgtcaata atgacgtatg ttcccatagt aacgccaata gggactttcc attgacgtca 180
29 atgggtggag tatttacggt aaactgccc ttggcagtac atcaagtgt tcatatgcca 240
30 agtacgcccc ctattgacgt caatgacggt aaatggatgc agtattttgt gcagcgatgg 300
31 gggcgggggg gggggggcgc cgccaggcgg ggcggggcgg ggcgaggggc ggggcggggc 360
32 gagcgaggaga ggtgcggcgg cagccaatca gagcggcgcg ctccgaaaagt ttcttttat 420
33 ggcgagggcg ggcgggcggc ggccctataa aaagcgaagc gcgcggcggg cgggagtcgc 480
34 tgcgcgctgc ctgcgcccgc tgcggcgctc cgccgcccgc tcgcgcgcgc cgccccggct 540
35 ctgactgacc gcgtc 555
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41 <213> ORGANISM: Artificial Sequence
43 <220> FEATURE:
44 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic
45 primer DNA for PCR
47 <400> SEQUENCE: 2
48 cagtgtcgt gcagctcagt gcatgcaagc tcattgccc 39
51 <210> SEQ ID NO: 3
52 <211> LENGTH: 50
53 <212> TYPE: DNA
54 <213> ORGANISM: Artificial Sequence
56 <220> FEATURE:
57 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic
58 primer DNA for PCR
60 <400> SEQUENCE: 3
61 gctctagagt cgacaagctt catggctggc tgcggaggaa cagagaaggg 50

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64 <210> SEQ ID NO: 4  
65 <211> LENGTH: 16  
66 <212> TYPE: DNA  
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69 <220> FEATURE:  
70 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic  
71 primer DNA for PCR  
73 <400> SEQUENCE: 4  
74 tattttgtgc agcgat 16  
77 <210> SEQ ID NO: 5  
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79 <212> TYPE: DNA  
80 <213> ORGANISM: Artificial Sequence  
82 <220> FEATURE:  
83 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic  
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86 <400> SEQUENCE: 5  
87 acgtctagaa ggcaacgcag cgact. 25  
90 <210> SEQ ID NO: 6  
91 <211> LENGTH: 26  
92 <212> TYPE: DNA  
93 <213> ORGANISM: Artificial Sequence  
95 <220> FEATURE:  
96 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic  
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99 <400> SEQUENCE: 6  
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103 <210> SEQ ID NO: 7  
104 <211> LENGTH: 25  
105 <212> TYPE: DNA  
106 <213> ORGANISM: Artificial Sequence  
108 <220> FEATURE:  
109 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic  
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112 <400> SEQUENCE: 7  
113 ccccgattc atggaagaaa tttcc 25  
116 <210> SEQ ID NO: 8  
117 <211> LENGTH: 40  
118 <212> TYPE: DNA  
119 <213> ORGANISM: Artificial Sequence  
121 <220> FEATURE:  
122 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic  
123 primer DNA for PCR  
125 <400> SEQUENCE: 8  
126 cgcgggcctt attggccaaa acacacctct aacggttact 40  
129 <210> SEQ ID NO: 9  
130 <211> LENGTH: 40  
131 <212> TYPE: DNA  
132 <213> ORGANISM: Artificial Sequence

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134 <220> FEATURE:
135 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic
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144 <212> TYPE: DNA
145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic
149     primer DNA for PCR
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152 ccccaagctt tcaagtgata ctgcgtga          28
155 <210> SEQ ID NO: 11
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157 <212> TYPE: DNA
158 <213> ORGANISM: Artificial Sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: Description of Artificial Sequence:Modified
162     synthetic oligonucleotide from pUC18
164 <400> SEQUENCE: 11
165 agcttgccaa taaggctgca ggtcgactct agaggatccc cgggcgagct cgctagcggg 60
166 cccgcacgcg gtaccgtcga caataaagaa ccgctttaag aatagtgttt atttttgtgt 120
167 ttatggccaa taaggccg          138
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173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Description of Artificial Sequence:Modified
177     synthetic oligonucleotide from pUC18 plasmid
179 <400> SEQUENCE: 12
180 aattcgccct tattggccat aaacacaaaa ataaacacta ttcttaaagc ggttctttat 60
181 tgtcgacggg accgcatgcg ggcccgttag cgagctcgcc cggggatcct ctagagtcga 120
182 cctgcagcct tattggc          137
185 <210> SEQ ID NO: 13
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187 <212> TYPE: DNA
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
192     primer DNA for PCR
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198 <210> SEQ ID NO: 14
199 <211> LENGTH: 26
200 <212> TYPE: DNA
201 <213> ORGANISM: Artificial Sequence

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203 <220> FEATURE:  
204 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic  
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207 <400> SEQUENCE: 14  
208 ctgtctagat aacgcggtca gtcaga 26  
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213 <212> TYPE: DNA  
214 <213> ORGANISM: Artificial Sequence  
216 <220> FEATURE:  
217 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic  
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220 <400> SEQUENCE: 15  
221 gggctgcaga gttattaata gtaatcaatt 30  
224 <210> SEQ ID NO: 16  
225 <211> LENGTH: 30  
226 <212> TYPE: DNA  
227 <213> ORGANISM: Artificial Sequence  
229 <220> FEATURE:  
230 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic  
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233 <400> SEQUENCE: 16  
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239 <212> TYPE: DNA  
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242 <220> FEATURE:  
243 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic  
244 primer DNA for PCR  
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252 <212> TYPE: DNA  
253 <213> ORGANISM: Artificial Sequence  
255 <220> FEATURE:  
256 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic  
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260 cttacggtaa atggcccgcc ggctg 25  
263 <210> SEQ ID NO: 19  
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265 <212> TYPE: DNA  
266 <213> ORGANISM: Artificial Sequence  
268 <220> FEATURE:  
269 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic  
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272 <400> SEQUENCE: 19

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Input Set : A:\PTO\_VSK.txt

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273 tacacttgat gtactgccaa gggc                24
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279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
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283     primer DNA for PCR
285 <400> SEQUENCE: 20
286 tatttacggg aaactgccca ttggc                25
289 <210> SEQ ID NO: 21
290 <211> LENGTH: 45
291 <212> TYPE: DNA
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
296     primer DNA for PCR
298 <400> SEQUENCE: 21
299 gctctagagg atccgcatgg gctccagatc ttctaccagg atccc        45
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303 <211> LENGTH: 34
304 <212> TYPE: DNA
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307 <220> FEATURE:
308 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
309     primer DNA for PCR
311 <400> SEQUENCE: 22
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318 <213> ORGANISM: Artificial Sequence
320 <220> FEATURE:
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322     primer DNA for PCR
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329 <211> LENGTH: 24
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335     primer DNA for PCR
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338 gttaaggcag ggggaagtgat ttgt                24
341 <210> SEQ ID NO: 25
342 <211> LENGTH: 24
343 <212> TYPE: DNA

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VERIFICATION SUMMARY

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Input Set : A:\PTO\_VSK.txt

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L:9 M:270 C: Current Application Number differs, Replaced Application Number

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date